

**REMARKS**

This application is a divisional of 09/863,266. Claims 1-8 have been canceled.  
New claims 9-14 have been added. Thus, claims 9-14 are now pending.

There should be no double patenting issue in view of the Restriction Requirement dated October 22, 2003 in the parent application.

Claim 9 defines over the art cited in the latest action in the parent case for at least the following reasons.

Claim 9 requires "performing exposure from a back surface side of the light permeable substrate in order to expose the negative type photosensitive transparent conductive material in a self-alignment fashion by using the gate signal lines and the source signal lines as exposure masks; developing the negative type photosensitive transparent conductive material so as to obtain pixel electrodes by removing unexposed parts of the negative type photosensitive transparent conductive material." The cited art fails to disclose or suggest the invention of claim 9.

As explained in the parent, the use of a "negative" type photosensitive material for the pixel electrode is very important, especially when used in a transmissive type display. This is because of the following two effects obtained by exposing (e.g., via IR rays) the *negative type material from a back side of a light permeable substrate*. First, dispersion of parasitic capacitance, which is generated in a superposed portion (e.g., see Fig. 3C) of the pixel electrode 1 and gate line/source line, can be substantially uniformed in the entire pixel area; this is because the exposure is performed in self-alignment by using the gate

IZUMI et al.  
Appl. No. To be Assigned  
December 31, 2003

and/or source line(s) as exposure masks (e.g., pg. 22, lines 4-22). Second, short-circuits between the pixel electrodes can be avoided. This is because, unlike the case of mask exposure of a conventional positive type photoresist, there is not generated in an unexposed portion a conductive film due to the presence of dust between pixel electrodes (e.g., pg. 22, line 23 to pg. 23, line 9).

Nakai cannot possibly expose from the back side due to the presence of reflector

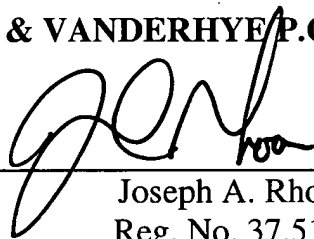
5. Moreover, Nakai also fails to disclose or suggest the claimed "negative" material. Furthermore, the example advantages discussed above cannot possibly be realized by Nakai. Nakai is entirely unrelated to the invention of claim 9.

It is respectfully submitted that all claims are in condition for allowance. If any minor matter remains to be resolved, the Examiner is invited to telephone the undersigned with regard to the same.

Respectfully submitted,

**NIXON & VANDERHYE P.C.**

By: \_\_\_\_\_



Joseph A. Rhoa  
Reg. No. 37,515

JAR:caj  
1100 North Glebe Road, 8th Floor  
Arlington, VA 22201-4714  
Telephone: (703) 816-4000  
Facsimile: (703) 816-4100